

IN THE CLAIMS

Please cancel Claims 1 and 8 to 26 without prejudice to or disclaimer of the subject matter presented therein. Please amend Claim 2, and add new Claims 28 and 29, as shown below.

1. (Cancelled)

2. (Currently Amended) A DNA micro-array for detecting nucleic acid molecules having target base sequences in a sample, said array comprising:

a substrate; and

nucleic acid probes including base sequences complementary to the target base sequences, ~~the nucleic acid probes being immobilized on the substrate,~~

wherein the array contains at least two probes for external standard nucleic acids, said at least two probes having different sequences from each other and having sequences complementary to the external standard nucleic acids,

wherein said at least two probes are available for producing calibration curves for detecting an amount of the nucleic acid molecules having the target base sequences in the sample, and

wherein said at least two probes are provided in different positions on said substrate as spots by use of an ink-jet method.

3 to 5. (Cancelled)

6. (Previously Presented) The DNA micro-array according to claim 2, wherein said at least two probes are synthetic nucleic acids immobilized on the substrate.

7. (Previously Presented) The DNA micro-array according to claim 6, wherein the synthesized nucleic acids each have a chain length of 15 to 75 bases.

8 to 26. (Cancelled)

27. (Withdrawn) An analyzing method using the DNA micro-array according to claim 2, comprising the steps of:

hybridizing the external standard nucleic acids to said at least two probes, wherein the external standard nucleic acids have different concentrations, and wherein the external standard nucleic acids are labeled with a marker,

detecting amounts of the external standard nucleic acids hybridized to said at least two probes using the marker; and

making a calibration curve for detecting the nucleic acid molecules having the target base sequences on the basis of the detected amounts.

28. (New) The DNA micro-array according to claim 2, wherein said at least two probes are provided as spots having different concentrations.

29. (New) The DNA micro-array according to claim 2, wherein said at least two probes are provided as spots having the same concentration.